

FIG. 1

11

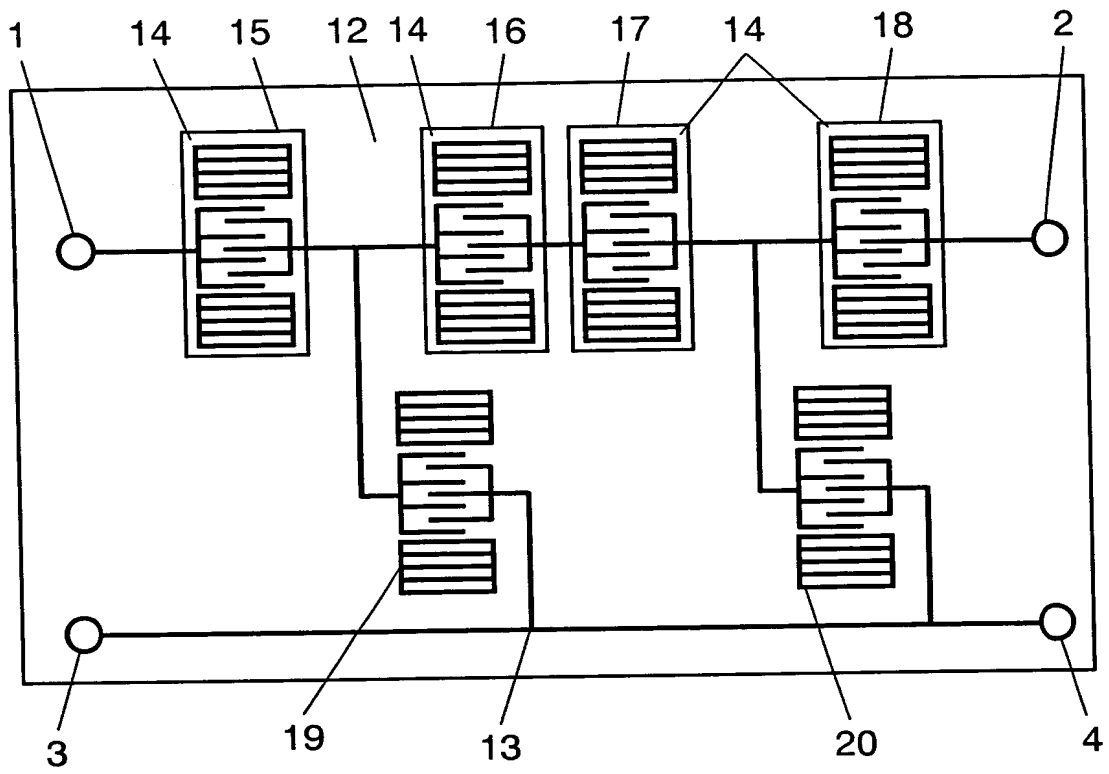


FIG. 2A

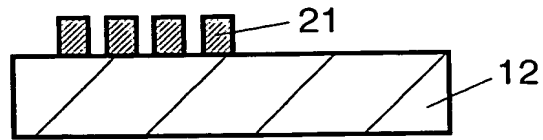


FIG. 2B

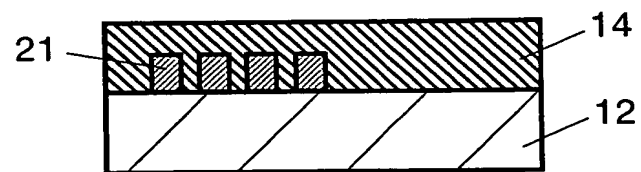


FIG. 2C

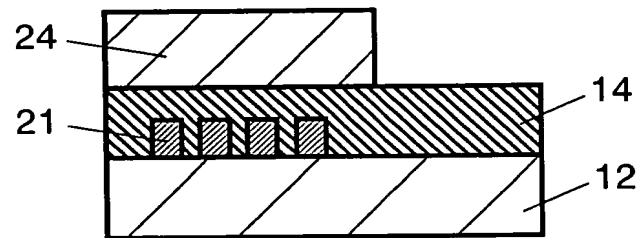


FIG. 2D

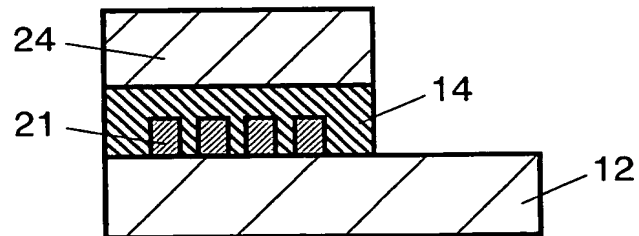


FIG. 2E

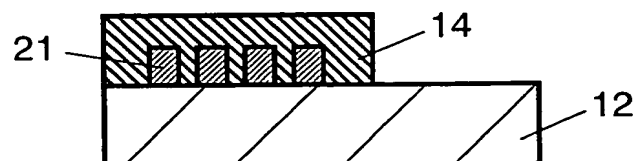


FIG. 3

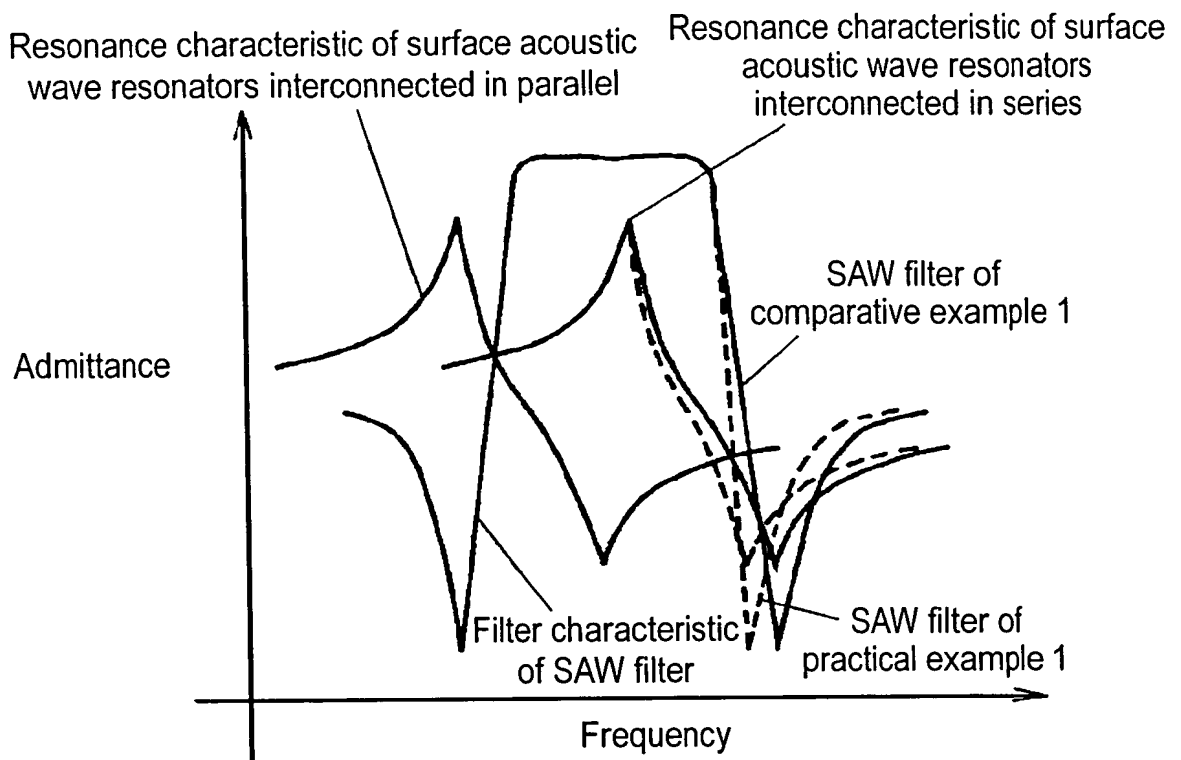


FIG. 4

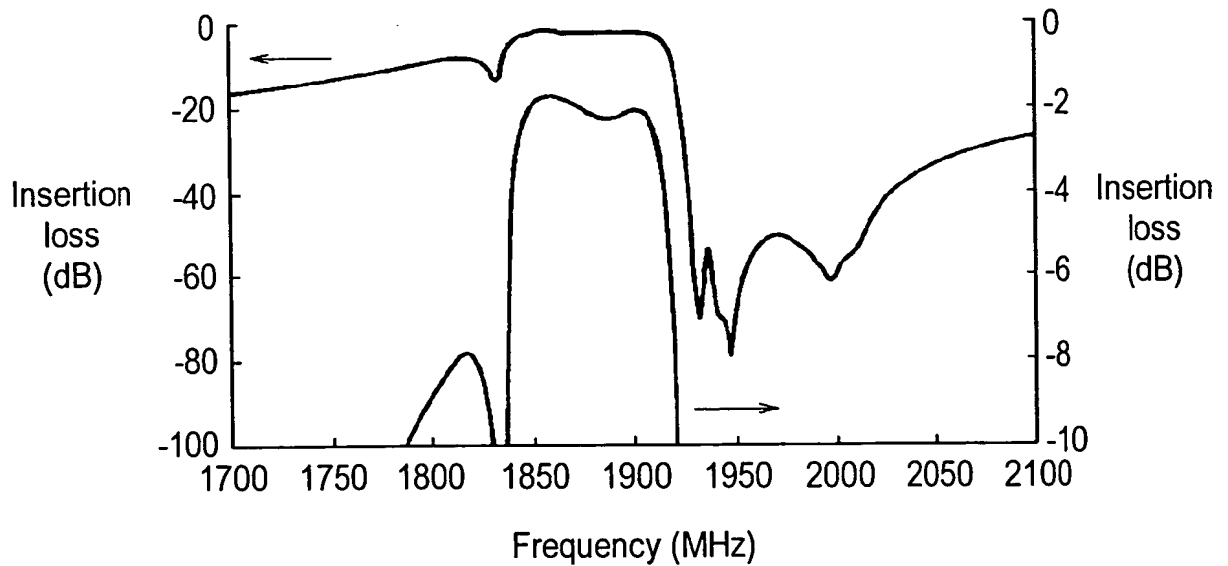


FIG. 5

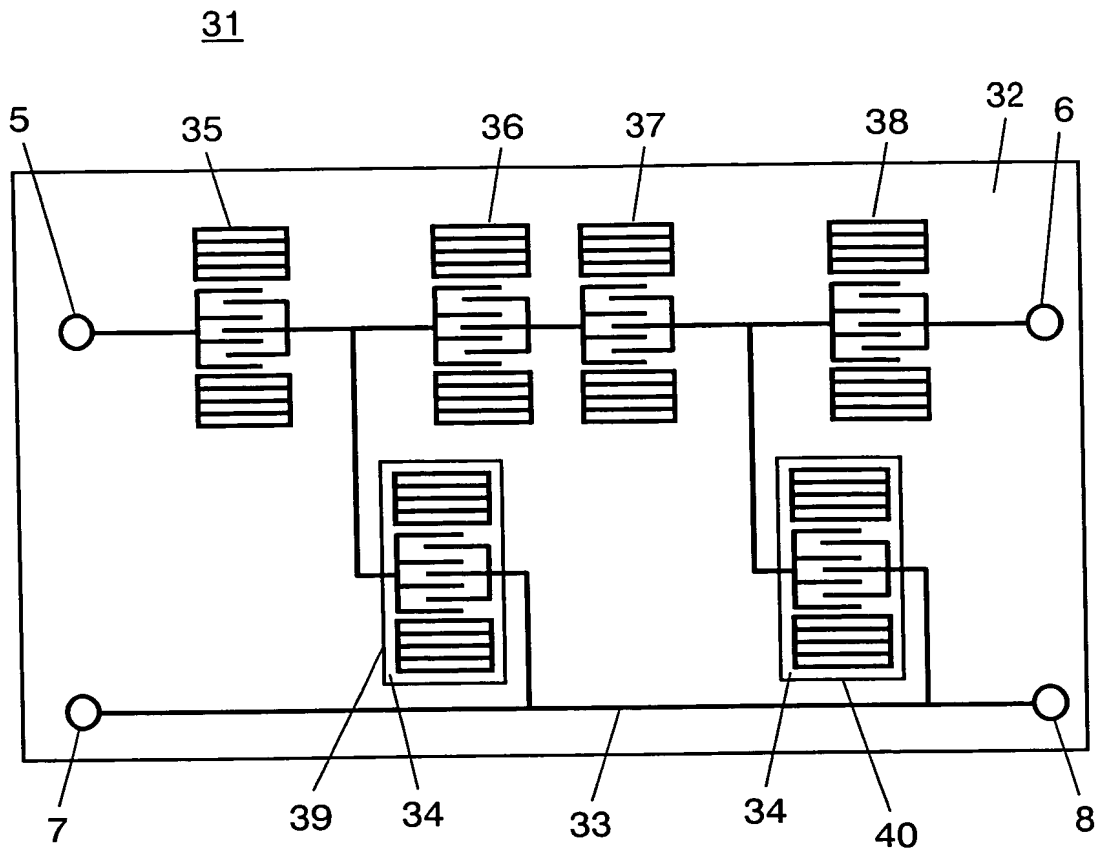


FIG. 6

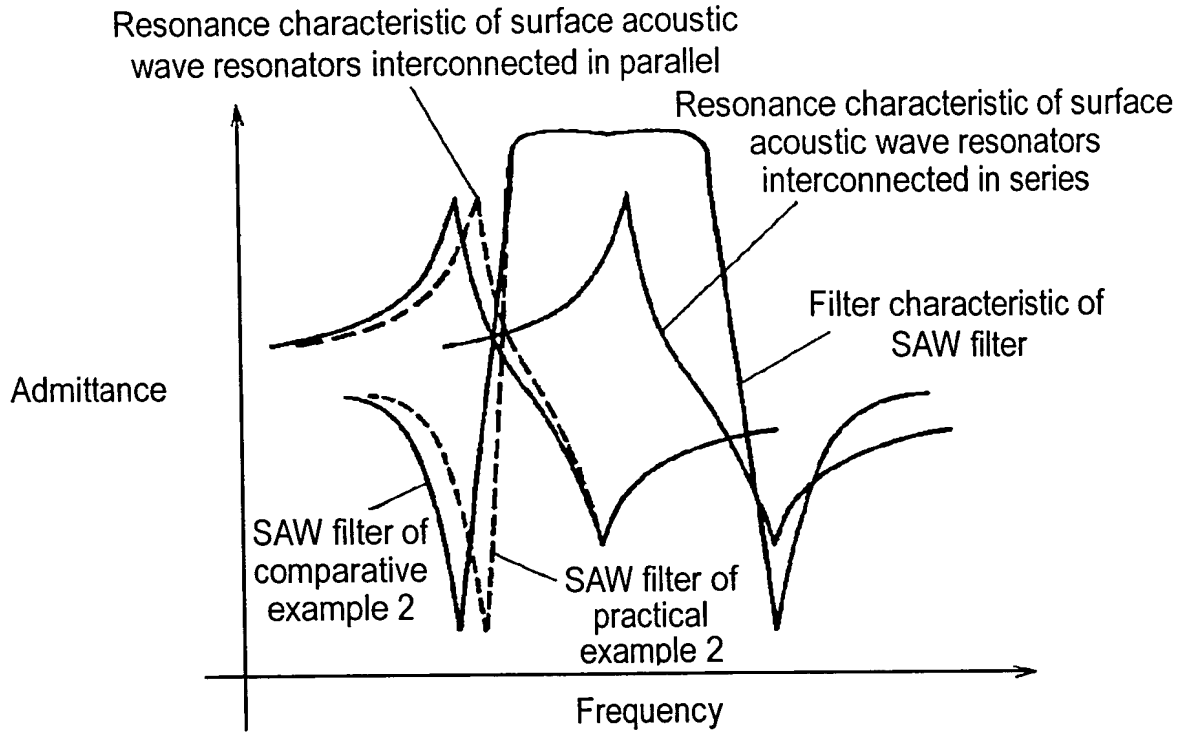


FIG. 7

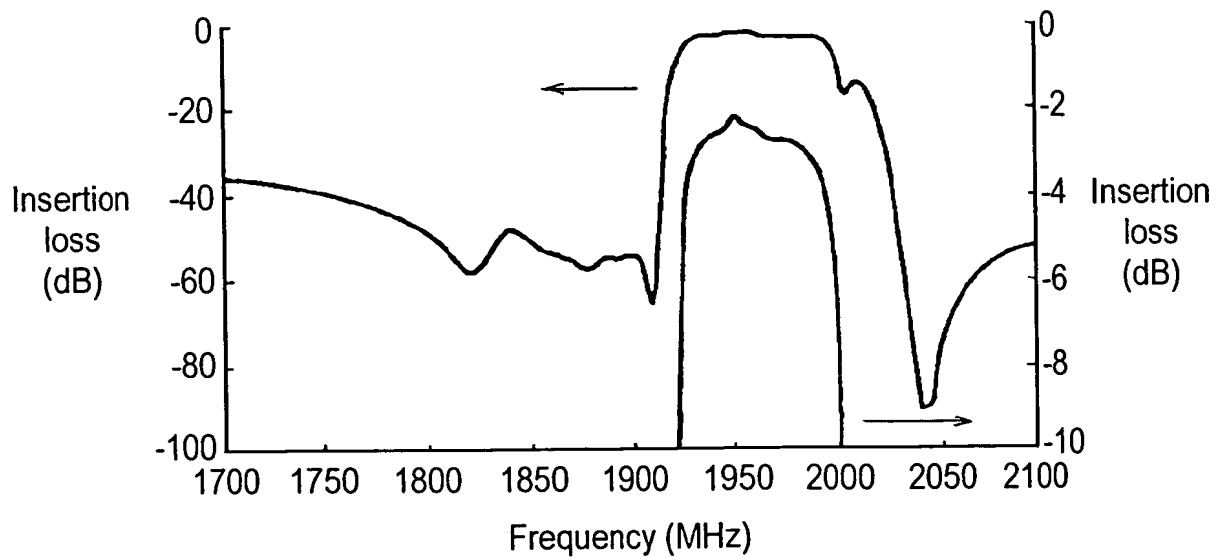
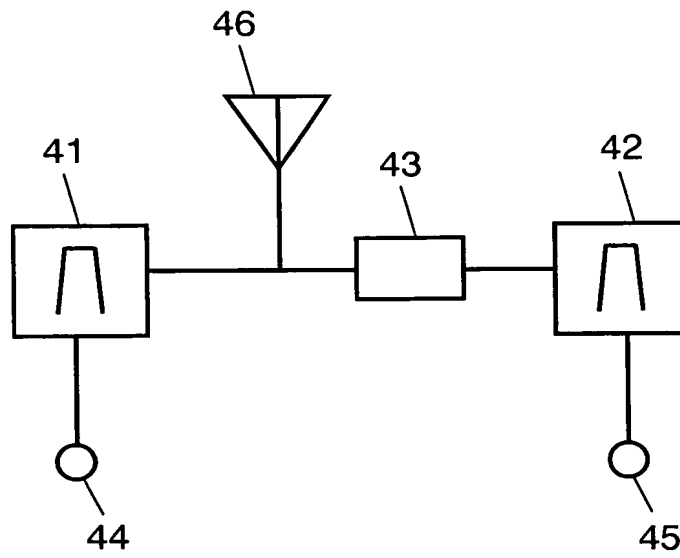


FIG. 8



Reference marks in the drawings

- 1, 5 Input terminals
- 2, 6 Output terminals
- 3, 4, 7, 8 Ground terminals
- 11, 31 Surface acoustic wave filters (SAW filters)
- 12, 32 Piezoelectric substrates
- 13, 33 Wiring patterns
- 14, 34 Dielectric films
- 15, 16, 17, 18, 19, 20, 35, 36, 37, 38, 39, 40 Surface acoustic wave resonators
- 21 Electrode pattern
- 24 Resist
- 41 Transmission filter
- 42 Reception filter
- 43 Phase apparatus
- 44 Transmission terminal
- 45 Reception terminal
- 46 Antenna terminal